

10/775050

Search results

Refine Search

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Search Results -

Terms	Documents
(baculovir\$ or nuclear near polyhedrosis) near10 ("not" or without or absen\$) near5 (lyzing or lys\$)	19

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L4



Refine Search

Recall Text



Clear

Interrupt

Search History



DATE: Wednesday, March 08, 2006 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
<u>L4</u>	(baculovir\$ or nuclear near polyhedrosis) near10 ("not" or without or absen\$) near5 (lyzing or lys\$)	19	<u>L4</u>
<u>L3</u>	l2 and (fluorophore\$ or ECFP or EYFP or EGFP or DsRed)	1	<u>L3</u>
<u>L2</u>	(baculovir\$ or nuclear near polyhedrosis) near10 ("not" or without or absen\$) near5 (lyzing or lys\$)	19	<u>L2</u>
<u>L1</u>	(baculovir\$ or nuclear near polyhedrosis) near10 permissive near10 ("not" or without or absen\$) near5 (lyzing or lys\$)	0	<u>L1</u>

END OF SEARCH HISTORY

Freeform Search

Database:	US Pre-Grant Publication Full-Text Database
	US Patents Full-Text Database
	US OCR Full-Text Database
	EPO Abstracts Database
	JPO Abstracts Database
	Derwent World Patents Index
	IBM Technical Disclosure Bulletins

Term:	<input type="text"/>	 
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Display:	<input type="text" value="100"/>	Documents in Display Format:	<input type="text" value="-"/>	Starting with Number	<input type="text" value="1"/>
-----------------	----------------------------------	-------------------------------------	--------------------------------	-----------------------------	--------------------------------

Generate: ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search History

DATE: Thursday, March 09, 2006 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L3</u>	L1 and (lyse or lysed or lyzing or lytic) near5 cell\$	39	<u>L3</u>
<u>L2</u>	L1 and ("not" or without or absen\$) near5 ly\$	0	<u>L2</u>
<u>L1</u>	(baculovir\$ or nuclear near polyhedrosis) near10 mutagen\$	86	<u>L1</u>

END OF SEARCH HISTORY



Day : Thursday

Date: 3/9/2006

Time: 15:15:23

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.
Additionally, enter the **first few letters** of the Inventor's First name.

Last Name**First Name**

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

ILIGHT set on as ' '

? begin 5,6,55,154,155,156,312,399,biotech,biosci

Set Items Description

```

? s (baculovir? or nuclear (n) polyhedrosis) and p35 and (lys? or lyzing or lyz?)
>>>File 5 processing for LYS? stopped at LYSYLATED
>>>File 55 processing for LYS? stopped at LYS248
>>>File 154 processing for LYS? stopped at LYS413
>>>File 155 processing for LYS? stopped at LYS176
>>>File 399 processing for LYS? stopped at LYS4
>>>File 34 processing for LYS? stopped at LYS278
>>>File 71 processing for LYS? stopped at LYS76CYS
>>>File 73 processing for LYS? stopped at LYSTES
Processing
>>>File 144 processing for LYS? stopped at LYS9
Processed 20 of 39 files ...
Completed processing all files
      98961 BACULOVIR?
    4836877 NUCLEAR
      33794 POLYHEDROSIS
      30788 NUCLEAR (N) POLYHEDROSIS
      14504 P35
    1519026 LYS?
      286 LYIZING
      4122 LYZ?
S1      65 (BACULOVIR? OR NUCLEAR (N) POLYHEDROSIS) AND P35 AND
      (LYS? OR LYIZING OR LYZ?)

```

? rd s1

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S2 30 RD S1 (unique items)

? d s2/3/1-30

Display 2/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0013212885 BIOSIS NO.: 200100384724

Inhibition of distant caspase homologues by natural caspase inhibitors

AUTHOR: Snipas Scott J; Stennicke Henning R; Riedl Stefan; Potempa Jan;

Travis James; Barrett Alan J; Salvesen Guy S (Reprint)

AUTHOR ADDRESS: Program in Apoptosis and Cell Death Research, Burnham

Institute, 10901 North Torrey Pines Road, La Jolla, CA, 92037, USA**USA

JOURNAL: Biochemical Journal 357 (2): p575-580 15 July, 2001 2001

MEDIUM: print

ISSN: 0264-6021

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 2/3/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2006 BIOSIS. All rts. reserv.

0012904041 BIOSIS NO.: 200100075880

Attenuation of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine toxicity in mice

expressing the **baculoviral** caspase inhibitor **p35**

AUTHOR: Viswanath V (Reprint); Larsen J; Andersen J K

AUTHOR ADDRESS: University of Southern California, Los Angeles, CA, USA**

USA

JOURNAL: Society for Neuroscience Abstracts 26 (1-2): pAbstract No.-10.9

2000 2000

MEDIUM: print

CONFERENCE/MEETING: 30th Annual Meeting of the Society of Neuroscience New

Orleans, LA, USA November 04-09, 2000; 20001104

SPONSOR: Society for Neuroscience

ISSN: 0190-5295

DOCUMENT TYPE: Meeting; Meeting Abstract

RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

?

Display 2/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0011156176 BIOSIS NO.: 199799790236
Need for caspases in apoptosis of trophic factor-deprived PC12 cells
AUTHOR: Haviv Ronit; Lindenboim Liora; Li Hongein; Yuan Junying; Stein
Reuven (Reprint)
AUTHOR ADDRESS: Dep. Neurobiochem., George S. Wise Fac. Life Sci., Tel Aviv
Univ., 69978 Ramat Aviv, Israel**Israel
JOURNAL: Journal of Neuroscience Research 50 (1): p69-80 1997 1997
ISSN: 0360-4012
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

?

Display 2/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0011069949 BIOSIS NO.: 199799704009
Caspase-3-mediated cleavage of protein kinase C δ in induction of
apoptosis
AUTHOR: Datta Rakesh; Kojima Hiromi; Yoshida Kiyotsugu; Kufe Donald
AUTHOR ADDRESS: Div. Cancer Pharmacol., Dana-Farber Cancer Inst., Harvard
Med. Sch., Boston, MA 02115, USA**USA
JOURNAL: Journal of Biological Chemistry 272 (33): p20317-20320 1997 1997
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

?

Display 2/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0010838747 BIOSIS NO.: 199799472807
Target cell lysis by CTL granule exocytosis is independent of
ICE/Ced-3 family proteases
AUTHOR: Sarin Apurva (Reprint); Williams Mark S (Reprint); Alexander-Miller
Martha A; Berzofsky Jay A; Zacharchuk Charles M; Henkart Pierre A
(Reprint)
AUTHOR ADDRESS: Exp. Immunol. Branch, Natl. Cancer Inst., Natl Inst.
Health, Bethesda, MD 20892, USA**USA
JOURNAL: Immunity 6 (2): p209-215 1997 1997
ISSN: 1074-7613
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

?

Display 2/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2006 BIOSIS. All rts. reserv.

0008405484 BIOSIS NO.: 199294107325
SITE-SPECIFIC MUTAGENESIS OF THE 35-KILODALTON PROTEIN GENE ENCODED BY
AUTOGRAPH-A-CALIFORNICA NUCLEAR POLYHEDROSIS VIRUS CELL
LINE-SPECIFIC EFFECTS ON VIRUS REPLICATION

AUTHOR: HERSHBERGER P A (Reprint); DICKSON J A; FRIESEN P D
AUTHOR ADDRESS: DEP BIOCHEM, GRAUDATE SCH COLLEGE AGRIC LIFE SCI, UNIV
WISCONSIN-MADISON, MADISON, WIS 53706-1596, USA**USA
JOURNAL: Journal of Virology 66 (9): p5525-5533 1992
ISSN: 0022-538X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

- end of record -

?

Display 2/3/7 (Item 1 from file: 154)
DIALOG(R)File 154:MEDLINE(R)
(c) format only 2006 Dialog. All rts. reserv.

14564076 PMID: 12549186

[Expression of human interleukin-12 in **Baculovirus** expression system]

Yang L; Zhang X; Long X; Chen X; Wang X; Li Y
Biopharmaceutical Center, State Key Lab for Biocontrol, Zhongshan University, Guangzhou 510275, China.

Wei sheng wu xue bao = Acta microbiologica Sinica (China) Feb 2001, 41

(1) p35-42, ISSN 0001-6209 Journal Code: 21610860R

Publishing Model Print

Document type: Journal Article ; English Abstract

Languages: CHINESE

Main Citation Owner: NLM

Record type: MEDLINE; Completed

- end of record -

?

Display 2/3/8 (Item 2 from file: 154)
DIALOG(R)File 154:MEDLINE(R)
(c) format only 2006 Dialog. All rts. reserv.

11972400 PMID: 9252332

Caspase-3-mediated cleavage of protein kinase C theta in induction of apoptosis.

Datta R; Kojima H; Yoshida K; Kufe D
Division of Cancer Pharmacology, Dana-Farber Cancer Institute, Harvard Medical School, Boston, Massachusetts 02115, USA.

Journal of biological chemistry (UNITED STATES) Aug 15 1997, 272 (33)

p20317-20, ISSN 0021-9258 Journal Code: 2985121R

Contract/Grant No.: CA29431; CA; NCI; CA66996; CA; NCI

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

- end of record -

?

Display 2/3/9 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2006 American Chemical Society. All rts. reserv.

143320266 CA: 143(18)320266w PATENT

Genes with differential expression profile between human dental pulp stem cells and mesenchymal stem cells and use for regenerating tooth germ

INVENTOR(AUTHOR): Ueda, Minoru; Yamada, Yoichi

LOCATION: Japan,

ASSIGNEE: Hitachi Medical Corp.

PATENT: Japan Kokai Tokkyo Koho ; JP 2005253442 A2 DATE: 20050922

APPLICATION: JP 2004111582 (20040309)

PAGES: 246 pp. CODEN: JKXXAF LANGUAGE: Japanese

PATENT CLASSIFICATIONS:

CLASS: C12N-015/09A; A61K-031/7088B; A61K-048/00B; A61L-027/00B;
A61P-001/02B; C12N-005/06B; C12N-005/10B; C12Q-001/68B

- end of record -

?

Display 2/3/10 (Item 2 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2006 American Chemical Society. All rts. reserv.

134026077 CA: 134(3)26077r PATENT

Method for induction of tolerance to adenoviral vectors and transgene products by introducing immunomodulator gene

INVENTOR(AUTHOR): Scaria, Abraham

LOCATION: USA

ASSIGNEE: Genzyme Corporation

PATENT: PCT International ; WO 200073477 A1 DATE: 20001207

APPLICATION: WO 2000US14344 (20000525) *US PV136278 (19990527)

PAGES: 47 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C12N-015/861A; A61K-048/00B

DESIGNATED COUNTRIES: AU; CA; JP DESIGNATED REGIONAL: AT; BE; CH; CY; DE ; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

- end of record -

?

Display 2/3/11 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2006 American Chemical Society. All rts. reserv.

133292012 CA: 133(21)292012h PATENT

Adenoviral vectors having nucleic acids encoding immunomodulatory molecules

INVENTOR(AUTHOR): Scaria, Abraham; Wadsworth, Samuel C.

LOCATION: USA

ASSIGNEE: Genzyme Corp.

PATENT: PCT International ; WO 200063406 A2 DATE: 20001026

APPLICATION: WO 2000US10530 (20000419) *US PV130415 (19990421)

PAGES: 49 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C12N-015/861A

DESIGNATED COUNTRIES: AU; CA; JP DESIGNATED REGIONAL: AT; BE; CH; CY; DE ; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

- end of record -

?

Display 2/3/12 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2006 Inst for Sci Info. All rts. reserv.

06235101 Genuine Article#: YD753 No. References: 32

Title: DrICE is an essential caspase required for apoptotic activity in Drosophila cells

Author(s): Fraser AG; McCarthy NJ; Evan GI (REPRINT)

Corporate Source: IMPERIAL CANC RES FUND,BIOCHEM CELL NUCLEUS LAB, 44

LINCOLNS INN FIELDS/LONDON WC2A 3PX//ENGLAND/ (REPRINT); IMPERIAL CANC

RES FUND,BIOCHEM CELL NUCLEUS LAB/LONDON WC2A 3PX//ENGLAND/

Journal: EMBO JOURNAL, 1997, V16, N20 (OCT 15), P6192-6199

ISSN: 0261-4189 Publication date: 19971015

Publisher: OXFORD UNIV PRESS, GREAT CLARENDON ST, OXFORD, ENGLAND OX2 6DP

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

- end of record -

?

Display 2/3/13 (Item 2 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2006 Inst for Sci Info. All rts. reserv.

06023567 Genuine Article#: XQ112 No. References: 25

Title: Stable transformation of insect cells to coexpress a rapidly selectable marker gene and an inhibitor of apoptosis

Author(s): McLachlin JR; Miller LK (REPRINT)

Corporate Source: UNIV GEORGIA,DEPT ENTOMOL, 413 BIOL SCI

BLDG/ATHENS//GA/30602 (REPRINT); UNIV GEORGIA,DEPT
ENTOMOL/ATHENS//GA/30602; UNIV GEORGIA,DEPT GENET/ATHENS//GA/30602
Journal: IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-ANIMAL, 1997, V33, N7 (JUL-AUG), P575-579
ISSN: 1071-2690 Publication date: 19970700
Publisher: SOC IN VITRO BIOLOGY, 9315 LARGO DR WEST, STE 25, LARGO, MD 20774
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

- end of record -

?

Display 2/3/14 (Item 3 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2006 Inst for Sci Info. All rts. reserv.

05957360 Genuine Article#: XK265 No. References: 20
Title: Caenorhabditis elegans CED-4 stimulates CED-3 processing and CED-3-induced apoptosis
Author(s): Seshagiri S; Miller LK (REPRINT)
Corporate Source: UNIV GEORGIA,DEPT ENTOMOL/ATHENS//GA/30602 (REPRINT); UNIV GEORGIA,DEPT ENTOMOL/ATHENS//GA/30602; UNIV GEORGIA,DEPT GENET/ATHENS//GA/30602
Journal: CURRENT BIOLOGY, 1997, V7, N7 (JUL 1), P455-460
ISSN: 0960-9822 Publication date: 19970701
Publisher: CURRENT BIOLOGY LTD, 34-42 CLEVELAND STREET, LONDON, ENGLAND W1P 6LB
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

- end of record -

?

Display 2/3/15 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs
(c) 2005 The HW Wilson Co. All rts. reserv.

04272482 H.W. WILSON RECORD NUMBER: BGSA00022482 (USE FORMAT 7 FOR FULLTEXT)
Apoptosis signaling.
Strasser, Andreas
O'Connor, Liam; Dixit, Vishva M
Annual Review of Biochemistry v. 69 (2000) p. 217-45
SPECIAL FEATURES: bibl il ISSN: 0066-4154
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 13086

- end of record -

?

Display 2/3/16 (Item 2 from file: 98)
DIALOG(R)File 98:General Sci Abs
(c) 2005 The HW Wilson Co. All rts. reserv.

04255627 H.W. WILSON RECORD NUMBER: BGSA00005627 (USE FORMAT 7 FOR FULLTEXT)
Fas ligand-induced apoptosis.
AUGMENTED TITLE: review
Nagata, Shigekazu
Annual Review of Genetics v. 33 (1999) p. 29-55
SPECIAL FEATURES: bibl il ISSN: 0066-4197
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 13149

- end of record -

?

Display 2/3/17 (Item 3 from file: 98)
DIALOG(R)File 98:General Sci Abs
(c) 2005 The HW Wilson Co. All rts. reserv.

04050521 H.W. WILSON RECORD NUMBER: BGSA99050521 (USE FORMAT 7 FOR

FULLTEXT)
Viruses and apoptosis.
AUGMENTED TITLE: review
Roulston, Anne
Marcellus, Richard C; Branton, Philip E
Annual Review of Microbiology v. 53 (1999) p. 577-628
SPECIAL FEATURES: bibl il ISSN: 0066-4227
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 21748

- end of record -

?

Display 2/3/18 (Item 4 from file: 98)
DIALOG(R)File 98:General Sci Abs
(c) 2005 The HW Wilson Co. All rts. reserv.

04050504 H.W. WILSON RECORD NUMBER: BGSA99050504 (USE FORMAT 7 FOR
FULLTEXT)
Addiction modules and programmed cell death and antideath in bacterial
cultures.
AUGMENTED TITLE: review
Engelberg-Kulka, Hanna
Glaser, Gad
Annual Review of Microbiology v. 53 (1999) p. 43-70
SPECIAL FEATURES: bibl il ISSN: 0066-4227
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 13643

- end of record -

?

Display 2/3/19 (Item 5 from file: 98)
DIALOG(R)File 98:General Sci Abs
(c) 2005 The HW Wilson Co. All rts. reserv.

04045903 H.W. WILSON RECORD NUMBER: BGS199045903 (USE FORMAT 7 FOR
FULLTEXT)
Mammalian caspases: structure, activation, substrates, and functions during
apoptosis.
Earnshaw, William C
Martins, Luis M; Kaufmann, Scott H
Annual Review of Biochemistry v. 68 (1999) p. 383-424
SPECIAL FEATURES: bibl il ISSN: 0066-4154
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 17435

- end of record -

?

Display 2/3/20 (Item 6 from file: 98)
DIALOG(R)File 98:General Sci Abs
(c) 2005 The HW Wilson Co. All rts. reserv.

03796048 H.W. WILSON RECORD NUMBER: BGS198046048 (USE FORMAT 7 FOR
FULLTEXT)
How cells respond to interferons.
AUGMENTED TITLE: review
Stark, George R
Kerr, Ian M; Williams, Bryan R. G
Annual Review of Biochemistry (Annu Rev Biochem) v. 67 ('98) p. 227-64
SPECIAL FEATURES: bibl il ISSN: 0066-4154
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 17780

- end of record -

?

Display 2/3/21 (Item 7 from file: 98)

DIALOG(R)File 98:General Sci Abs
(c) 2005 The HW Wilson Co. All rts. reserv.

03766802 H.W. WILSON RECORD NUMBER: BGS198016802 (USE FORMAT 7 FOR
FULLTEXT)
Proteolytic activities that mediate apoptosis.
Kidd, Vincent J
Annual Review of Physiology (Annu Rev Physiol) v. 60 ('98) p. 533-73
SPECIAL FEATURES: bibl il ISSN: 0066-4278
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 20338

- end of record -

?

Display 2/3/22 (Item 8 from file: 98)
DIALOG(R)File 98:General Sci Abs
(c) 2005 The HW Wilson Co. All rts. reserv.

03546290 H.W. WILSON RECORD NUMBER: BGS197046290 (USE FORMAT 7 FOR
FULLTEXT)
Regulators of apoptosis on the road to persistent alphavirus infection.
Griffin, Diane E
Hardwick, J. Marie
Annual Review of Microbiology (Annu Rev Microbiol) v. 51 ('97) p. 565-92
SPECIAL FEATURES: bibl il ISSN: 0066-4227
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 14517

- end of record -

?

Display 2/3/23 (Item 1 from file: 370)
DIALOG(R)File 370:Science
(c) 1999 AAAS. All rts. reserv.

00504733 (USE 9 FOR FULLTEXT)
Ultraviolet-Induced Cell Death Blocked by a Selenoprotein from a Human
Dermatotropic Poxvirus
Shisler, Joanna L.; Senkevich, Tatiana G.; Berry, Marla J.; Moss, Bernard
J. L. Shisler, T. G. Senkevich, B. Moss, Laboratory of Viral Diseases,
National Institute of Allergy and Infectious Diseases, National
Institutes of Health, 4 Center Drive, MSC 0445, Bethesda, MD 20892-0445,
USA. ; M. J. Berry, Thyroid Division, Harvard Institutes of Medicine, 77
Avenue Louis Pasteur, Boston, MA 02115, USA.
Science Vol. 279 5347 pp. 102
Publication Date: 1-02-1998 (980102) Publication Year: 1998
Document Type: Journal ISSN: 0036-8075
Language: English
Section Heading: Reports
Word Count: 2330

- end of record -

?

Display 2/3/24 (Item 2 from file: 370)
DIALOG(R)File 370:Science
(c) 1999 AAAS. All rts. reserv.

00504606 (USE 9 FOR FULLTEXT)
Conversion of Bcl-2 to a Bax-like Death Effector by Caspases
Cheng, Emily H.-Y.; Kirsch, David G.; Clem, Rollie J.; Ravi, Rajani;
Kastan, Michael B.; Bedi, Atul; Ueno, Kazuyoshi; Hardwick, J. Marie
E. H.-Y. Cheng, R. J. Clem, J. M. Hardwick, Department of Molecular
Microbiology and Immunology, Johns Hopkins School of Public Health,
Baltimore, MD 21205, USA. ; D. G. Kirsch, R. Ravi, M. B. Kastan, A. Bedi,
Oncology Center, Johns Hopkins School of Medicine, Baltimore, MD 21205,
USA. ; K. Ueno, Center for Chronic Viral Diseases, Faculty of Medicine,
Kagoshima University, Kagoshima 890, Japan.
Science Vol. 278 5345 pp. 1966

Publication Date: 12-12-1997 (971212) Publication Year: 1997
Document Type: Journal ISSN: 0036-8075
Language: English
Section Heading: Reports
Word Count: 2394

- end of record -

?

Display 2/3/25 (Item 3 from file: 370)
DIALOG(R)File 370:Science
(c) 1999 AAAS. All rts. reserv.

00503978 (USE 9 FOR FULLTEXT)

Caspase-3-Generated Fragment of Gelsolin: Effector of Morphological Change
in Apoptosis

Kothakota, Srinivas; Azuma, Toshifumi; Reinhard, Christoph; Klippel, Anke;
Tang, Jay; Chu, Keting; McGarry, Thomas J.; Kirschner, Marc W.; Koths,
Kirston; Kwiatkowski, David J.; Williams, Lewis T.

S. Kothakota, C. Reinhard, A. Klippel, K. Chu, K. Koths, L. T. Williams,
Chiron Corporation, Emeryville, CA 94608, USA. ; T. Azuma, J. Tang, D. J.
Kwiatkowski, Division of Experimental Medicine, Brigham and Women's
Hospital, Boston, MA 02115, USA. ; T. J. McGarry and M. W. Kirschner,
Department of Cell Biology, Harvard Medical School, Boston, MA 02115,
USA.

Science Vol. 278 5336 pp. 294

Publication Date: 10-10-1997 (971010) Publication Year: 1997

Document Type: Journal ISSN: 0036-8075

Language: English

-more-

?

Display 2/3/25 (Item 3 from file: 370)
DIALOG(R)File 370:Science
(c) 1999 AAAS. All rts. reserv.
Section Heading: Reports
Word Count: 2773

- end of record -

?

Display 2/3/26 (Item 4 from file: 370)
DIALOG(R)File 370:Science
(c) 1999 AAAS. All rts. reserv.

00501081 (USE 9 FOR FULLTEXT)

DCP-1, a Drosophila Cell Death Protease Essential for Development

Song, Zhiwei; McCall, Kimberly; Steller, Hermann

Howard Hughes Medical Institute, Department of Brain and Cognitive Sciences
and Department of Biology, Massachusetts Institute of Technology,
Cambridge, MA 02139, USA.

Science Vol. 275 5299 pp. 536

Publication Date: 1-24-1997 (970124) Publication Year: 1997

Document Type: Journal ISSN: 0036-8075

Language: English

Section Heading: Reports

Word Count: 2914

- end of record -

?

Display 2/3/27 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2006 ProQuest Info&Learning. All rts. reserv.

01651323 ORDER NO: AAD98-36981

FUNCTIONAL ANALYSIS OF CELL DEATH GENES (APOPTOSIS, IAPS, **BACULOVIRUS**
, NEMATODES)

Author: SESHAGIRI, SOMASEKAR

Degree: PH.D.

Year: 1998

Corporate Source/Institution: UNIVERSITY OF GEORGIA (0077)

Source: VOLUME 59/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
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01629592 ORDER NO: AAD98-22437
EXPLORING A NOVEL VIRUS-HOST INTERACTION IN A **BACULOVIRUS**-INFECTED
INSECT CELL LINE (AUTOGRAPHA CALIFORNICA, LYMANTRIA DISPAR, PROTEIN
SYNTHESIS, APOPTOSIS)
Author: DU, XIANLIN
Degree: PH.D.
Year: 1997
Corporate Source/Institution: MICHIGAN STATE UNIVERSITY (0128)
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PURIFICATION AND FUNCTIONAL CHARACTERIZATION OF SEVERAL ESSENTIAL DNA
REPLICATION PROTEINS FROM AUTOGRAPHA CALIFORNICA POLYHEDROSIS VIRUS
Author: HANG, XIN
Degree: PH.D.
Year: 1996
Corporate Source/Institution: TEXAS A&M UNIVERSITY (0803)
Source: VOLUME 57/08-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
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01370689 ORDER NO: AAD94-22704
MOLECULAR GENETIC ANALYSIS OF THE INTERACTIONS BETWEEN A **BACULOVIRUS**
AND THE APOPTOTIC CELL DEATH PATHWAYS OF ITS INSECT HOST
Author: CLEM, ROLLIE JOHN
Degree: PH.D.
Year: 1994
Corporate Source/Institution: UNIVERSITY OF GEORGIA (0077)
Source: VOLUME 55/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
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Display 2/9/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0008405484 BIOSIS NO.: 199294107325
SITE-SPECIFIC MUTAGENESIS OF THE 35-KILODALTON PROTEIN GENE ENCODED BY
AUTOGRAPHA-CALIFORNICA **NUCLEAR POLYHEDROSIS VIRUS** CELL
LINE-SPECIFIC EFFECTS ON VIRUS REPLICATION
AUTHOR: HERSHBERGER P A (Reprint); DICKSON J A; FRIESEN P D
AUTHOR ADDRESS: DEP BIOCHEM, GRAUDATE SCH COLLEGE AGRIC LIFE SCI, UNIV
WISCONSIN-MADISON, MADISON, WIS 53706-1596, USA**USA
JOURNAL: Journal of Virology 66 (9): p5525-5533 1992
ISSN: 0022-538X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract

LANGUAGE: ENGLISH

ABSTRACT: The gene encoding the 35-kDa protein (35K gene) located within the EcoRI-S genome fragment of Autographa californica **nuclear** ***polyhedrosis*** virus (AcMNPV) is transcribed early in infection. To

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examine its function(s) with respect to virus multiplication, we introduced specific mutations of this early gene into the AcMNPV genome. In Spodoptera frugiperda (SF21) culture, deletion of the 35K gene reduced yields of extracellular, budded virus from 200- to 15,000-fold, depending on input multiplicity. Mutant replication was characterized by dramatically diminished levels of late and very late (occlusion-specific) virus gene expression and premature cell ***lysis***. In contrast, 35K gene inactivation had no effect on virus growth in cultured Trichoplusia ni (TN368) cells. Insertion of the 35K gene and its promoter at an alternate site (polyhedrin locus) restored virus replication to wild-type levels in SF21 culture. Subsequent insertion of 4 bp after codon 81 generated a frameshift mutant that exhibited a virus phenotype indistinguishable from that of 35K deletion mutants and demonstrated that the 35K gene product (**p35**) was required for wild-type replication in SF21 cells. Mutagenesis also indicated that the C terminus of ***p35***, including the last 12 residues, was required for function. In complementation assays, wild-type virus bearing a functional 35K gene

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allele stimulated all aspects of 35K null mutant replication and suppressed early cell ***lysis***. These findings indicated that **p35** is a trans-dominant factor that facilitates AcMNPV growth in a cell line-specific manner.

DESCRIPTORS: SPODOPTERA-FRUGIPERDA SF21 CELLS TRICHOPLUSIA-NI TN368 CELLS
DESCRIPTORS:

MAJOR CONCEPTS: Biochemistry and Molecular Biophysics; Cell Biology; Genetics; Microbiology

BIOSYSTEMATIC NAMES: **Baculoviridae**--dsDNA Viruses, Viruses, Microorganisms; Diptera--Insecta, Arthropoda, Invertebrata, Animalia

COMMON TAXONOMIC TERMS: Double-Stranded DNA Viruses; Microorganisms; Viruses; Animals; Arthropods; Insects; Invertebrates

CONCEPT CODES:

02506 Cytology - Animal

10064 Biochemistry studies - Proteins, peptides and amino acids

10506 Biophysics - Molecular properties and macromolecules

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DIALOG(R)File 5:Biosis Previews(R)

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31500 Genetics of bacteria and viruses

33506 Virology - Animal host viruses

BIOSYSTEMATIC CODES:

03114 **Baculoviridae**

75314 Diptera

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DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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06023567 Genuine Article#: XQ112 Number of References: 25
Title: Stable transformation of insect cells to coexpress a rapidly
selectable marker gene and an inhibitor of apoptosis
Author(s): McLachlin JR; Miller LK (REPRINT)
Corporate Source: UNIV GEORGIA,DEPT ENTOMOL, 413 BIOL SCI
BLDG/ATHENS//GA/30602 (REPRINT); UNIV GEORGIA,DEPT
ENTOMOL/ATHENS//GA/30602; UNIV GEORGIA,DEPT GENET/ATHENS//GA/30602
Journal: IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-ANIMAL, 1997, V33, N7 (JUL-AUG), P575-579
ISSN: 1071-2690 Publication date: 19970700
Publisher: SOC IN VITRO BIOLOGY, 9315 LARGO DR WEST, STE 25, LARGO, MD 20774
Language: English Document Type: ARTICLE
Geographic Location: USA
Subfile: CC LIFE--Current Contents, Life Sciences
Journal Subject Category: DEVELOPMENTAL BIOLOGY; CELL BIOLOGY

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Display 2/9/13 (Item 2 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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Abstract: We have constructed several plasmid expression vectors to express foreign genes in stably transformed insect cells. Unlike **baculovirus**-based expression vectors by which genes of interest are expressed transiently before **lysis** of virus virus-infected cells, genes can be expressed continuously over many passages in a stable cell line. Furthermore, the function of a gene or genes expressed in a stable cell line from an insect-specific promoter that is constitutively expressed can be studied in the absence of virus infection and viral gene expression. In this study, we have expressed a novel, selectable marker gene, puromycin acetyltransferase, under the control of the *Drosophila melanogaster* hsp70 promoter or under the control of the AcMNPV ie-1 promoter which is active in *Spodoptera frugiperda* cells in the absence of virus infection. In addition, we have constructed expression vectors which coexpress two genes from separate promoters, the **pac** gene which confers resistance to puromycin and a **baculovirus** gene which inhibits apoptosis, derived from *Orygia pseudotsugata* ***nuclear*** ***polyhedrosis*** virus. Both genes

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DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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were expressed in stable populations of *S. frugiperda* cells in the absence of continuous drug selection.

Descriptors--Author Keywords: *Spodoptera frugiperda* cells ; puromycin acetyltransferase ; *Drosophila* hsp70 promoter ; dominant selectable marker ; apoptosis

Identifiers--KeyWord Plus(R): MAMMALIAN-CELLS; PUROMYCIN-RESISTANCE; **BACULOVIRUS** GENES; ENCODING GENE; EXPRESSION; PROMOTER; LINES; **P35**; ACETYLTRANSFERASE; SUPPRESSION

Research Fronts: 95-2868 002 (**BACULOVIRUS**-INFECTED INSECT CELLS; AUTOGRAPHICA-CALIFORNICA **NUCLEAR POLYHEDROSIS**-VIRUS; EXPRESSION OF THE HUMAN INTERLEUKIN-2 RECEPTOR-GAMMA CHAIN)

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DELALUNA S, 1988, V62, P121, GENE

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